

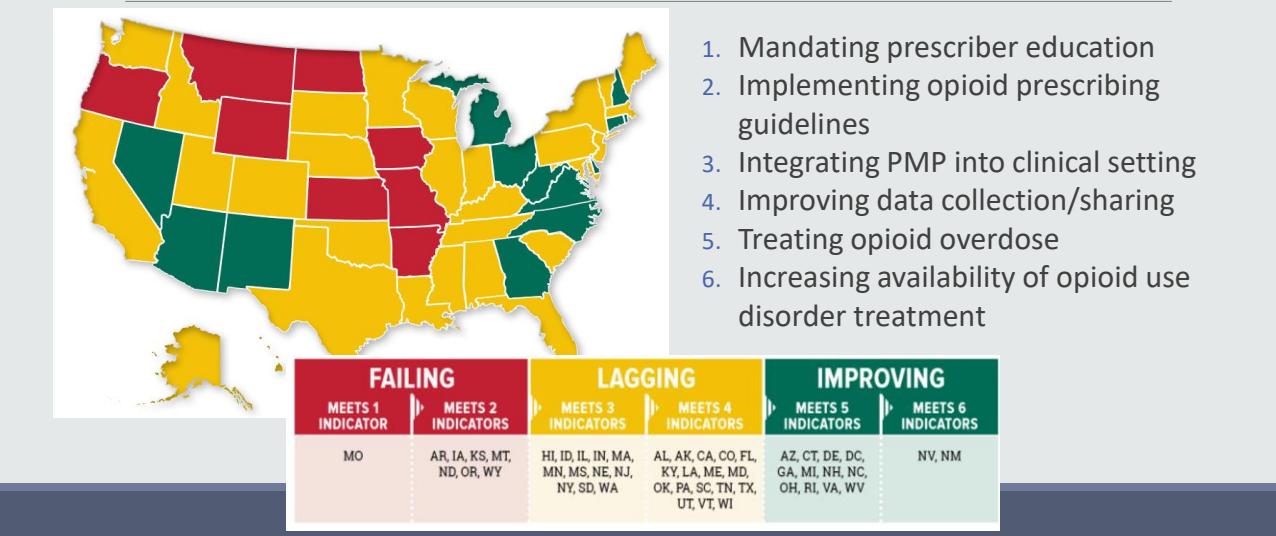


Nevada's Evolving Opioid Crisis: Successes and Challenges



2018 National Safety Council

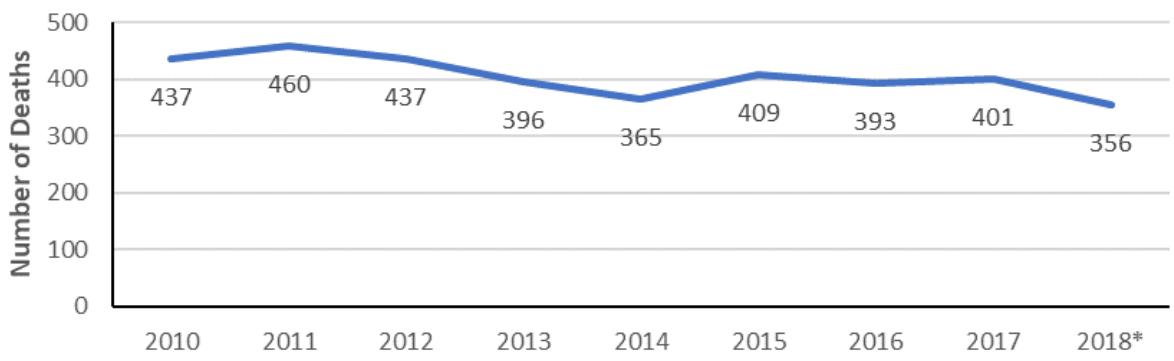
1. Mandating prescriber education
2. Implementing opioid prescribing guidelines
3. Integrating PMP into clinical setting
4. Improving data collection/sharing
5. Treating opioid overdose
6. Increasing availability of opioid use disorder treatment



Nevada's Opioid Overdose Deaths



Opioid-Related Overdose Deaths, State of Nevada Residents, 2010-2018*



*Data for 2018 are preliminary.

Nevada's Opioid and Benzodiazepine Overdose Deaths



Opioid-Related Overdose Deaths, State of Nevada Residents, 2010-2019*

Year	Opioid-Related Overdose Deaths	Crude Rates	Percent Change	Benzodiazepine Related Overdose Deaths	Opioid and Benzodiazepine Related Overdose Deaths
2010	437	16.2		161	139
2011	460	16.9	5%	166	143
2012	437	15.9	-6%	162	140
2013	396	14.1	-11%	126	106
2014	365	12.8	-9%	125	109
2015	409	14.1	10%	130	117
2016	393	13.3	-6%	155	126
2017	401	13.4	1%	123	106
2018*	356	11.7	-13%	139	112
2019*	92			22	19
Percent Change 2010-2018*			-27%		

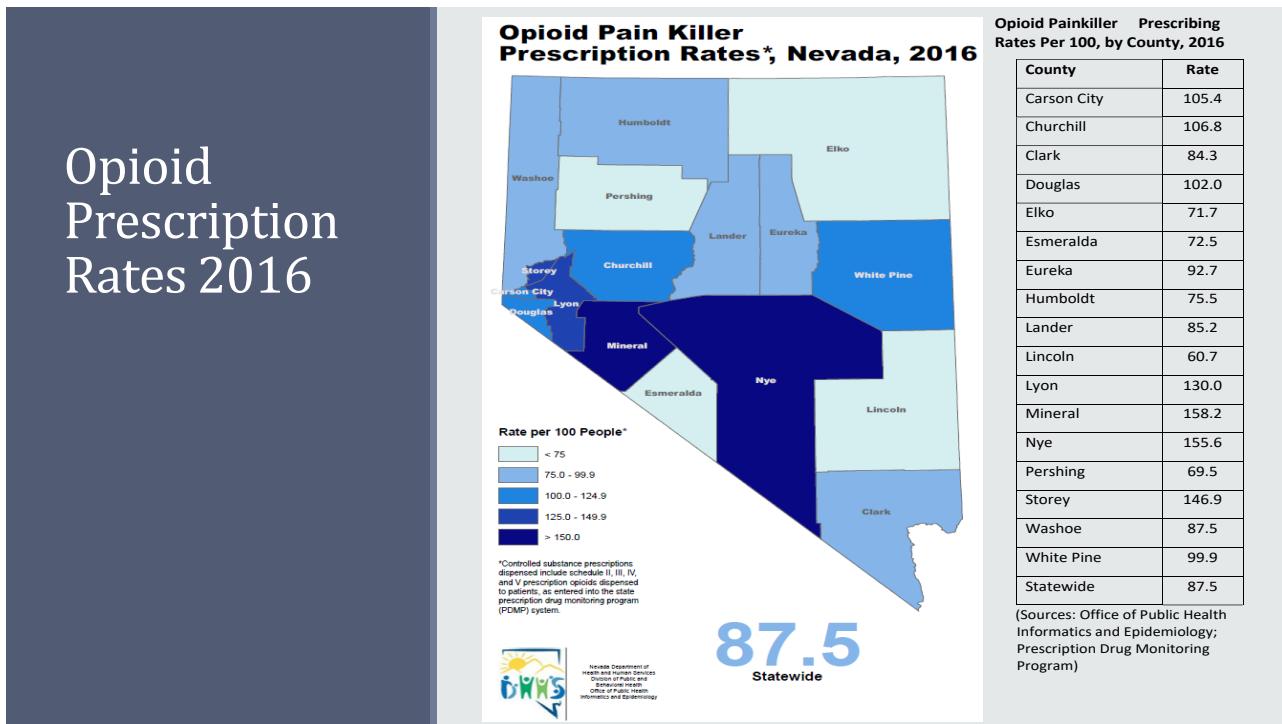
Rates are per 100,000 State of Nevada Population.

*Data for 2018 and 2019 are preliminary. Data for 2019 includes Quarter 1 only.

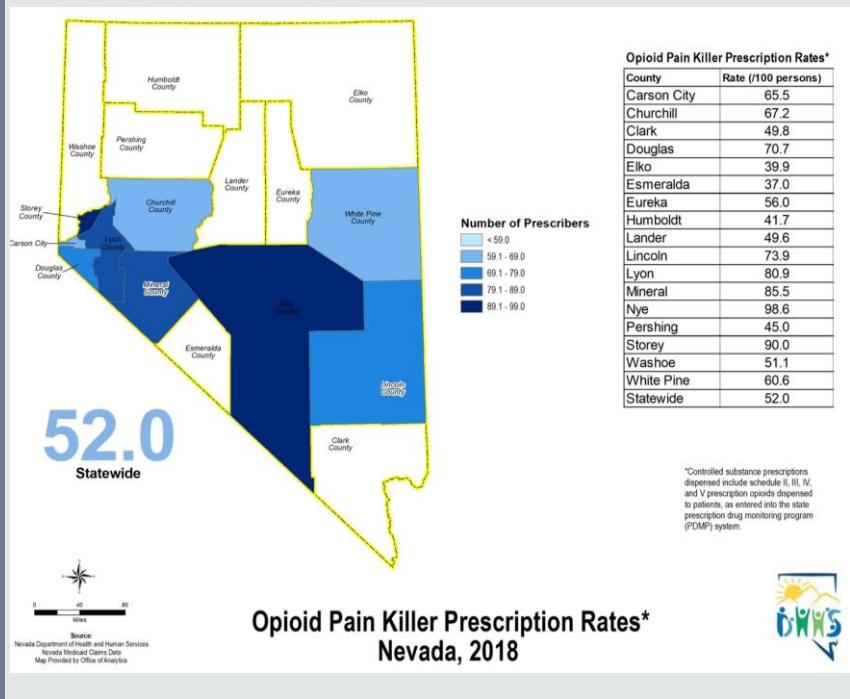
Each year:

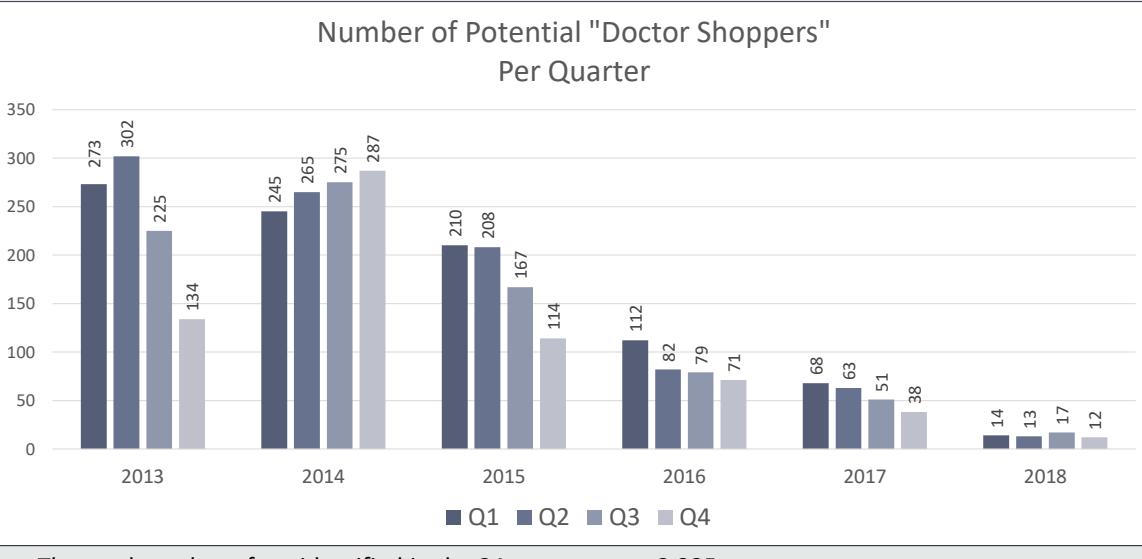
- Roughly 85% of all benzodiazepine-related overdose deaths also involve opioids.
- Roughly 30% of all opioid-related overdose deaths also involve benzodiazepines.

Opioid Prescription Rates 2016

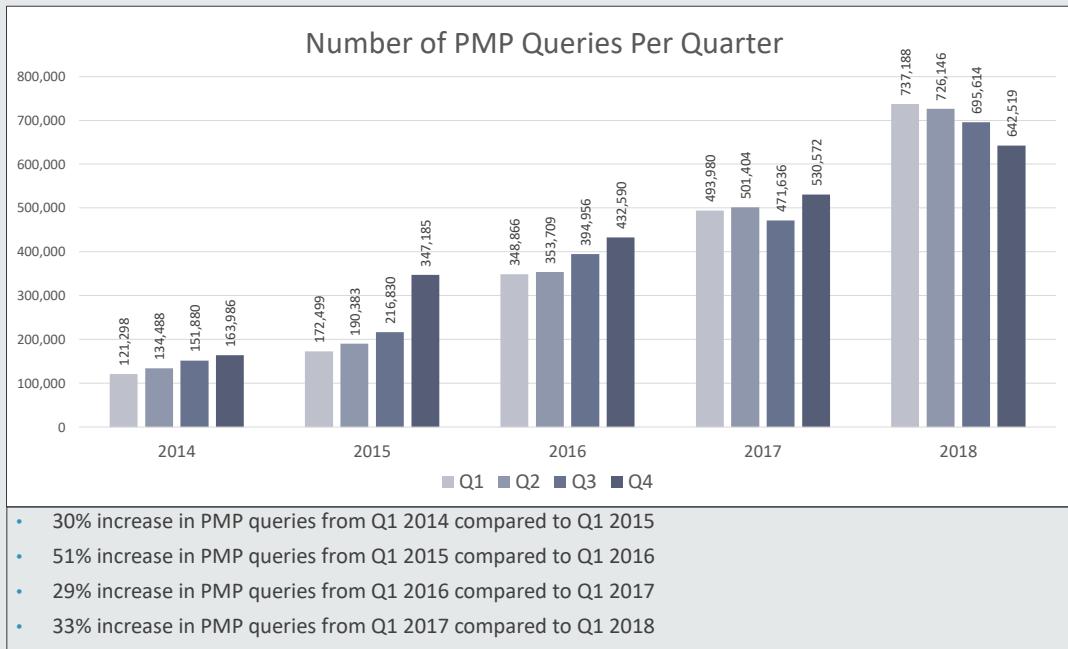


Opioid Prescription Rates 2018





- The total number of pts identified in the 24 quarters was 3,325.
- From the high of 302 pts (2013 Q2) to the low of 12 pts (2018 Q4), the volume of potential doctor shoppers identified dropped by 96%.



Prescription Drug Monitoring Program Data, January 2017 – December 2018



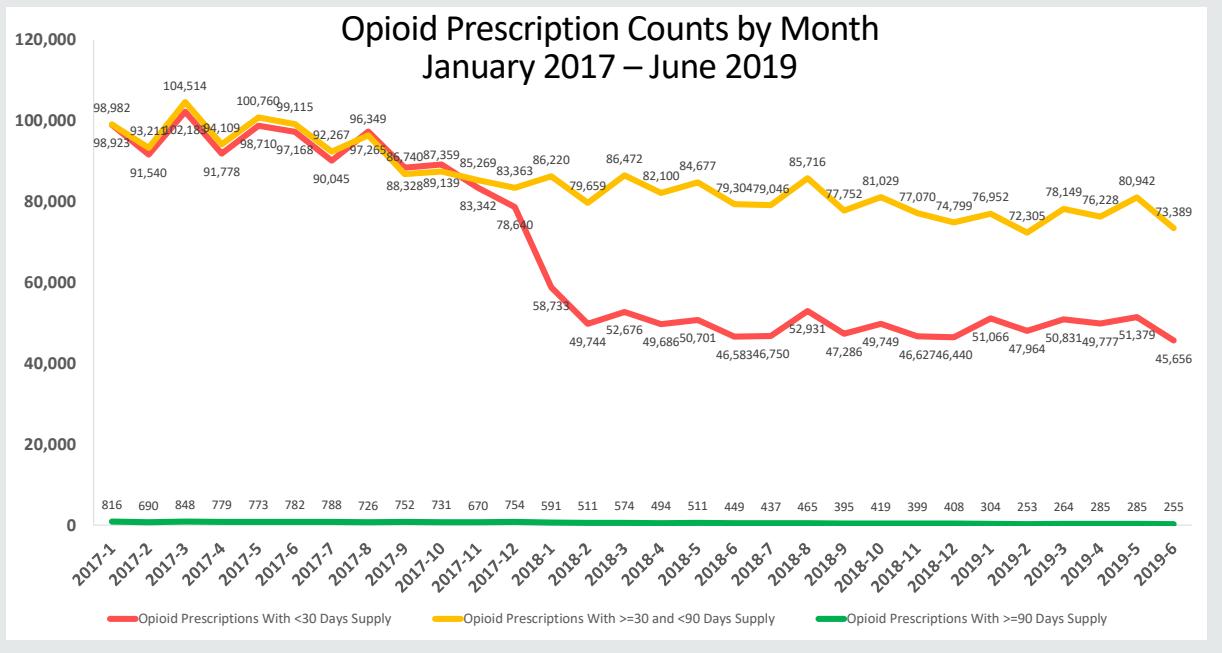
39% decrease in the rate of opioid prescriptions per 100 Nevada residents.

- Opioid prescriptions with less than a 30 days supply decreased by **53%**.
- Opioid prescriptions with greater than or equal to a **30 days supply and less than a 90** days supply decreased by **24%**.
- Opioid prescriptions with greater than or equal to a **90 days** supply decreased by **50%**.

All Nevada counties observed a decrease in both the number of and rate of opioid prescriptions by month, with the decrease in rates ranging from 25% (Lincoln) to 56% (Humboldt).

- The number of individuals who were co-prescribed Opioid and Benzodiazepines during the same month also decreased significantly, by 54% in Nevada overall.

DHHS Office of Analytics Data Source: Prescription Drug Monitoring Program (PDMP; 2018)
[http://dhhs.nv.gov/uploadedFiles/dhhsngov/content/Programs/Office_of_Analytics/Images/Nevada%20PDMP%20Surveillance,%20Pre%20and%20Post%20AB474%20\(Jan%202017%20-%20Sep%202018\)\(1\).pdf](http://dhhs.nv.gov/uploadedFiles/dhhsngov/content/Programs/Office_of_Analytics/Images/Nevada%20PDMP%20Surveillance,%20Pre%20and%20Post%20AB474%20(Jan%202017%20-%20Sep%202018)(1).pdf)



Opioid Prescriptions For Both Less Than and Greater Than 30 Days and 90 Days, by Top 10 ICD-10 Group, 2018

< 30 Days Supply		
Top 10 Diagnosis Groups		Prescriptions
Dorsalgia	M54	36,106
Diseases of the Nervous System, Pain, not elsewhere classified	G89	33,816
Dental caries	K02	12,998
Other joint disorder, not elsewhere classified	M25	11,710
Diseases of pulp and peripapical tissues	K04	11,106
Pain, unspecified	R52	9,809
Thoracic, thoracolumbar, and lumbosacral intervertebral disc disorders	M51	8,634
Other disorders of teeth and supporting structures	K08	8,196
Abdominal and pelvic pain	R10	6,536
Spondylosis	M47	5,916

>= 30 but < 90 Days Supply		
Top 10 Diagnosis Groups		Prescriptions
Dorsalgia	M54	156,752
Thoracic, thoracolumbar, and lumbosacral intervertebral disc disorders	M51	74,905
Spondylosis	M47	61,982
Diseases of the Nervous System, Pain, not elsewhere classified	G89	43,227
Other joint disorder, not elsewhere classified	M25	30,525
Intraoperative and postprocedural complications and disorders of musculoskeletal system, not elsewhere classified	M96	18,455
Cervical disc disorders	M50	18,024
Other and unspecified soft tissue disorders, not elsewhere classified	M79	16,799
Other spondylopathies	M48	14,074
Osteoarthritis of knee	M17	10,502

>= 90 Days Supply		
Top 10 Diagnosis Groups		Prescriptions
Dorsalgia	M54	791
Thoracic, thoracolumbar, and lumbosacral intervertebral disc disorders	M51	212
Diseases of the Nervous System, Pain, not elsewhere classified	G89	195
Other joint disorder, not elsewhere classified	M25	192
Other and unspecified soft tissue disorders, not elsewhere classified	M79	144
Other and unspecified osteoarthritis	M19	133
Osteoarthritis of knee	M17	111
Spondylosis	M47	104
Polyosteoarthritis	M15	97
Migraine	G43	58

MAT drugs are not included.

Opioid Prescriptions For Both Less Than and Greater Than 30 Days and 90 Days, by Top 10 ICD-10 Group, 2019*

		Prescriptions	
< 30 Days Supply			
Top 10 Diagnosis Groups			
Diseases of the Nervous System, Pain, not elsewhere classified	G89	24,417	30,000
Dorsalgia	M54	22,611	25,000
Other joint disorder, not elsewhere classified	M25	7,385	20,000
Dental Caries	K02	6,490	15,000
Thoracic, thoracolumbar, and lumbosacral intervertebral disc disorders	M51	5,729	10,000
Pain, unspecified	R52	5,657	10,000
Diseases of pulp and periapical tissues	K04	5,567	5,000
Spondylosis	M47	4,720	0
Abdominal and pelvic pain	R10	4,087	0
Other disorders of teeth and supporting structures	K08	3,007	0

		Prescriptions	
>= 30 but < 90 Days Supply			
Top 10 Diagnosis Groups			
Dorsalgia	M54	92,695	100,000
Thoracic, thoracolumbar, and lumbosacral intervertebral disc disorders	M51	43,856	80,000
Spondylosis	M47	41,104	60,000
Diseases of the Nervous System, Pain, not elsewhere classified	G89	21,616	60,000
Other joint disorder, not elsewhere classified	M25	15,748	40,000
Intraoperative and postprocedural complications and disorders of musculoskeletal system, not elsewhere classified	M96	12,822	20,000
Cervical disc disorders	M50	9,991	-
Other spondylopathies	M48	7,270	-
Nontraumatic compartment syndrome	M79	7,170	-
Osteoarthritis of knee	M17	5,937	-

		Prescriptions	
>= 90 Days Supply			
Top 10 Diagnosis Groups			
Dorsalgia	M54	273	300
Diseases of the Nervous System, Pain, not elsewhere classified	G89	90	250
Thoracic, thoracolumbar, and lumbosacral intervertebral disc disorders	M51	64	200
Other joint disorder, not elsewhere classified	M25	56	150
Nontraumatic compartment syndrome	M79	51	100
Other and unspecified osteoarthritis	M19	46	100
Spondylosis	M47	42	50
Migraine	G43	36	0
Polyosteoarthritis	M15	33	0
Osteoarthritis of knee	M17	26	0

*Data for 2019 include quarters 1 and 2 only. MAT drugs are not included.

Number of Individuals Co-Prescribed Benzodiazepines and Opioids in the Same Month, January 2017 - June 2019

